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APPLICANT : SUNSTAR ENG INC;

INVENTOR : KADOWAKI TOSHIO;

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TITLE : PRIMER COMPOSITION

ABSTRACT : PURPOSE: To obtain a two-pack primer composition composed of a main agent pack consisting of a polyvinyl butyral resin and an anticorrosive pigment and an additive pack containing phosphoric acid and effective for imparting various metals with primary anticorrosiveness and improved adhesivity, especially adhesive strength in water.

CONSTITUTION: This primer composition is composed of a main agent pack containing (A) 100 pts.wt. of a polyvinyl butyral resin, (B) 30-300 pts.wt. of a phosphorous acid salt compound (preferably aluminum phosphite, zinc phosphite, calcium phosphite, etc., especially preferably zinc phosphite), (C) 20-250 pts.wt. of aluminum orthophosphate and (D) 5-80 pts.wt. of a silane coupling agent [preferably N-(2-aminoethyl)-3aminopropylmethyldimethoxysilane, 3- aminopropyltriethoxysilane, etc.] and an additive pack containing (E) 5-50 pts.wt. of phosphoric acid. The components A to D are dissolved in a proper solvent (e.g. ethyl alcohol, toluene or ethyl acetate) and the phosphoric acid used as the component E is also dissolved in the above solvent.

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